

2-Way MemoSubject: **Site Illumination Levels**From : **Art Carlucci
GSA Project Manager**

STAT

INSTRUCTIONS

Use routing symbols whenever possible.

SENDER (Originator of message):

Use brief, informal language.

Conserve space.

Forward original and one copy.

RECEIVER (Replier to message):

Reply below the message, keep one copy, return one copy.

DATE OF MESSAGE

11 Dec 85

ROUTING SYMBOL

TITLE OF ORIGINATOR

DC/NBPO/OL

FOLD

MESSAGE

FOLD

OF 11-5-85

1. Attached are the results of a recent lighting survey conducted by our Safety Division. We feel that certain areas do not meet the requirements of Section 01540, paragraph 5, of the construction specifications. Those areas have been asterisked in the study.

2. We request that corrective action be taken to bring the lighting levels up to at least the minimum requirements.

cc: C/Site Security Staff, NBPO

REPLY

STAT
To

DATE OF REPLY

Jan. 9, 1986

ROUTING SYMBOL

SIGNATURE OF REPLIER

Arthur Carlucci

TITLE OF REPLIER

Project Manager

OPTIONAL FORM 27 (Rev. 7-81)
GSA FPMR (41 CFR) 101-11.6
NSN 7540-00-082-2447

5027-107



January 9, 1986

Centex Construction Company, Inc.
2947 Gallows Road
P. O. Box 427
Merrifield, Virginia 22116

Subject: GS-11B-19066, Bid Package No. 2, Headquarters Building,
CIA Headquarters Expansion, Langley, Virginia, Illumination
Survey, Specification Section 01540

Gentlemen:

An illumination survey of several floors of the new building and adjacent areas of the construction site was made by our safety and industrial hygienist.

The findings of this survey together with certain specificities are herewith forwarded to you for appropriate corrective action. Those areas that do not have, or do not meet minimum lighting requirements are considered to be contract deficiencies and/or items of non-compliance.

While we fully understand and accept the fact that any given illumination reading can change on a day to day basis, considering all the variable factors and as the work progresses, we believe that the contract requirements are quite clear. For security reasons and in order to provide a safe working environment, any deficient lighting level must be upgraded immediately. Failure by the contractor to comply with the contract requirements for the minimum illumination could force the Government to utilize other means of providing the required lighting levels.

Please give this matter your immediate attention so as not to jeopardize the safety of any of the workmen involved in activities in those areas with deficient lighting.

Sincerely,

Arthur J. Carlucci
Project Manager
Headquarters Expansion Project

AJC:nj

Illumination Survey

New Building Site

Surveyor: Mary Kay Seiler
 Industrial Hygienist
 Occupational Health Branch
 Safety Division

Survey Instrument: Digaphot Light Meter
 Model 3303

Survey I
 3:20 PM

<u>Survey Location</u>	<u>Illumination Level (footcandles)</u>
Ground Floor	
Section F (near back/west wall)	
between columns 13/14	
under direct light	
at 3' from the floor	2
at floor level	1*
not under direct light	
at 3' from the floor	0.5*
at floor level	0.5*
First Floor	
Section F (near back/west wall)	
center area; at column 14	
at 3' from the floor	1.5*
at floor level	0.5*
between columns 15/16	
at 3' from the floor	0.5*
at floor level	0.5*

Survey II

6:00 PM

<u>Survey Location</u>	<u>Illumination Level (footcandles)</u>
Perimeter Readings	
Ground floor (West/back wall) section F; between columns 13/14 at 3' from the floor	1.5*
outside SE quadrant of perimeter corner	0.2*
saw shed	0.5*
GSA gate	6.0
West side; center of bldg; near 4th floor entrance at 3' from the floor (horizontal)	6.5
SE side of 4th floor entrance at 3' from the floor (horizontal)	0.3*

*Deficient illumination

First Floor

East/front wall

between columns 15/16

at 3' from the floor

55

at floor level

42

Second Floor

at ladder

98

at West/back wall

between columns 13/14

at 3' from the floor

160

at floor level

125

(no flooring installed above)

between columns 15/16

at 3' from the floor

0.5*

at floor level

1.5*

(floor installed above)

* Deficient Illumination